



All India Institute of Medical Sciences, Kalyani
1st Professional MBBS Examination 2020

Time: 3 Hrs.

Anatomy (Paper-II)

Marks: 100

INSTRUCTIONS:

- Answer all questions and draw well labelled diagrams wherever necessary.
- Answer Sections A and B in separate answer booklets.
- Write answers in sequence and strike off all blank pages

SECTION - A (50 MARKS)

1. Describe in detail the tongue under the following headings: [2+4+2+2 = 10]
- External features
 - Muscles
 - Nerve supply
 - Development
2. Write short notes on: [5 x 5=25]
- Sternocleidomastoid.
 - Ciliary ganglion.
 - Relations of thyroid gland with applied aspects.
 - Microscopic structure of cornea.
 - Lateral wall of nose.
3. Answer in brief: [5 x 3=15]
- Enumerate the layers of scalp with clinical significance of any two of them
 - Embryological basis of cleft lip.
 - What is the dangerous area of face and why?
 - Enumerate the branches of external carotid artery.
 - List the extraocular muscles, their nerve supply and actions.



Section - B (50 marks)

1. Describe in detail the right lung under the following headings: [3+3+4=10]
- (a) External features
 - (b) Relations of mediastinal surface
 - (c) Bronchopulmonary segments
2. Write short notes on: [5 x 5=25]
- (a) Formation, circulation and absorption of cerebrospinal fluid.
 - (b) Transverse section of midbrain at the level of superior colliculi.
 - (c) Functional areas on the superolateral surface of cerebrum.
 - (d) Microscopic structure of trachea.
 - (e) Development of interatrial septum.
3. Answer in brief: [5 x 3=15]
- (a) Embryological basis of anencephaly.
 - (b) Circle of Willis.
 - (c) Anatomical basis of Parkinson's disease.
 - (d) Ductus arteriosus and its clinical significance.
 - (e) Applied anatomy of pleura.